

Listing of Claims:

Please replace the claims, including all prior versions, with the listing of claims below.

Claims 1-11 (canceled).

Claim 12 (currently amended): A multiband antenna array for a mobile radio equipment, comprising:

a planar patch antenna defining a plane and having a plurality of resonances and is further coupled to a ground connection and to a high-frequency interface; and

a plurality of parasitic transmitters, wherein said plurality of parasitic transmitters are located (i) marginal to the planar patch antenna, (ii) outside of the planar patch antenna, and (iii) in the plane defined by the planar patch antenna, each of the plurality of parasitic transmitters being embodied so as to be free of a said high-frequency interface, wherein said plurality of the parasitic transmitters are arranged as line-type conductor structures, wherein a single at least one of said plurality of the parasitic transmitters includes a first portion that extends in at least two different dimensions a first dimension in the plane and a second portion that extends in a second different dimension in the plane, wherein the first portion to at least partially extend extends over two a first adjacent sides side of the planar patch antenna, and the second portion at least partially extends over a second different adjacent side of the planar patch antenna, whereas the conductor structures of the planar patch antenna are arranged as sheet-type conductor structures.

Claim 13 (previously presented): The multiband antenna array according to claim 12, wherein at least one parasitic transmitter is provided with a connection to ground.

Claim 14 (previously presented): The multiband antenna array according to claim 12, wherein the plurality of parasitic transmitters are provided with a shared connection to ground.

Claim 15 (previously presented): The multiband antenna array according to claim 12, wherein at least one parasitic transmitter is free of connections to ground.

Claim 16 (previously presented): The multiband antenna array according to claim 12, wherein the plurality of parasitic transmitters are arranged on opposite sides of the planar patch antenna.

Claim 17 (previously presented): The multiband antenna array according to claim 15, wherein the plurality of parasitic transmitters are located on adjacent sides of the planar patch antenna.

Claim 18 (cancelled)

Claim 19 (currently amended): The multiband antenna array according to claim 12, wherein said one of said plurality of parasitic transmitter transmitters extends at least partially over three adjacent sides of the planar patch antenna.

Claim 20 (currently amended): The multiband antenna array according to claim 12, wherein said one of said plurality of parasitic transmitter transmitters extends at least partially over four sides of the planar patch antenna.

Claim 21 (currently amended): The multiband antenna array according to claim 12, wherein the planar patch antenna and ~~the~~ said plurality of parasitic transmitters are arranged in a same plane.

Claim 22 (previously presented): The multiband antenna array according to claim 12, wherein at least one parasitic transmitter has a spatial extension, emerging perpendicularly out of the plane defined by the planar patch antenna.